

Weekly Report

22nd April, 2018

Done:

1. Implement using front-end to send requests. To visualize them, our current plan is using react-vis by Uber. Solve the resize event lag bug and the timeline. Reduce the bundle file size by code splitting.
2. 2nd week of Hyperparameter tuning and 1st week of CNN on Coursera.
3. Read relevant paper and made the revision plan of the visualization book.
4. Finished reading and reviewing the vast paper. I will finish organizing and writing the review comments soon.

To Do:

1. implement the vis of weather data; selection using polygon; integrate the customized layer (by Annie, now is a standalone component) into our system.
2. more discussions about the idea mentioned last week. For the graph DOI, the definition of the variable is easy, but we also expect it to be flexible (select user interested attributes as the variables of DOI); we should balance it with the edge specification techniques (i.e., which attributes should let user decide as edges, how this influence the DOI computation? which remain node attributes?). Besides, the edge specification techniques only consider tabular data, can we extend it like adding time-series data?
3. finish writing the review comments.

Paper reading:

本周在完成修改计划时、泛读了多篇综述与论文.